

FORM PTO-1390 (Modified)  
(REV. 12-2004)

U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

21C-0190

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NYA 10/530231

INTERNATIONAL APPLICATION NO.  
PCT/KR2003/001983INTERNATIONAL FILING DATE  
9-29-2003PRIORITY DATE CLAIMED  
10-4-2002

## TITLE OF INVENTION

LIQUID CRYSTAL DISPLAY DEVICE

## APPLICANT(S) FOR DO/EO/US

Young-Nam YUN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV626826364US
23. ☒ Other items or information:

Form PCT/IB/304

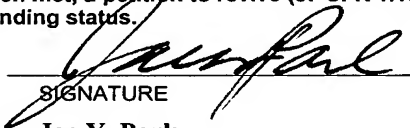
Form PCT/IB/306

Form PCT/IB/308

Claim for Priority

**Limited Recognition Under 37 CFR. §11.9 (b)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |              |  |  |   |            |
|--|--------------|--|--|---|------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/530231</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/KR2003/001983</b>              |  | ATTORNEY'S DOCKET NUMBER<br><b>21C-0190</b> |            |
| 24. The following fees are submitted:  |              |  |  | Applicant use                               | Office use |
| <input checked="" type="checkbox"/> a) Basic national fee . . . . . \$300.00   |              |  |  | \$ 300.00                                   |            |
| <input checked="" type="checkbox"/> b) Examination fee . . . . . \$200.00  |              |  |  | \$ 200.00                                   |            |
| <input checked="" type="checkbox"/> c) Search fee . . . . . \$500.00   |              |  |  | \$ 500.00                                   |            |
| <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>   |              |  |  | \$ 1,000.00                                 |            |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |              |  |  |   |            |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE   |   |            |
| - 100 =  | 0 /50 =      | 0  | x \$250.00   | \$ 0.00                                     |            |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |  | \$  |            |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE   |   |            |
| Total claims   | 10 - 20 =    | 0  | x \$50.00  | \$ 0.00                                     |            |
| Independent claims   | 2 - 3 =      | 0  | x \$200.00   | \$ 0.00                                     |            |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00  |              |  |  | \$ 0.00                                     |            |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |  | \$ 1,000.00                                 |            |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |  | \$ 0.00                                     |            |
| <b>SUBTOTAL =</b>  |              |  |  | \$ 1,000.00                                 |            |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |  | \$ 0.00                                     |            |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |  | \$ 1,000.00                                 |            |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |  | \$ 0.00                                     |            |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |  | \$ 1,000.00                                 |            |
| <b>Amount to be refunded:</b>  |              |  |  | \$  |            |
| <b>Amount to be charged:</b>   |              |  |  | \$  |            |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.   |              |  |  |   |            |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>06-1130</u> in the amount of <u>\$1,000.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.   |              |  |  |   |            |
| c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1130</u> . A duplicate copy of this sheet is enclosed.                                |              |  |  |   |            |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.               |              |  |  |   |            |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  |              |  |  |   |            |
| SEND ALL CORRESPONDENCE TO:  |              |  |  |   |            |
| Jae Y. Park<br>Cantor Colburn LLP<br>55 Griffin Road South<br>Bloomfield, CT 06002<br>PTO Customer No. 23413<br>Date: April 4, 2005  |              |  | <br>SIGNATURE<br>Jae Y. Park<br>NAME<br>PLEASE SEE ATTACHED<br>REGISTRATION NUMBER |   |            |

10/530231

Express Mail Label No. EV626826364US

JC06 Recd CT/PTO 04 APR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YOUNG-NAM YUN )  
For: LIQUID CRYSTAL DISPLAY DEVICE )

CLAIM FOR PRIORITY

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

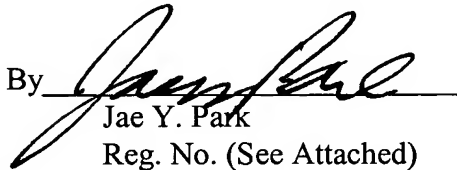
Dear Sir:

Applicant hereby claims the benefits of the filing date of October 4, 2002 to Korean Application No. 10-2002-0060462 under provisions of 35 U.S.C. 119 and the International Convention for the protection of Industrial Property.

If any fees are due with regard to this claim for priority, please charge them to Deposit Account No. 06-1130 maintained by Applicant's attorneys.

Respectfully submitted,

CANTOR COLBURN LLP

By   
Jae Y. Park  
Reg. No. (See Attached)

Cantor Colburn LLP  
55 Griffin Road South  
Bloomfield, CT 06002  
PTO Customer No. 23413  
Telephone: (860) 286-2929  
Fax: (860) 286-0115

Date: April 4, 2005

10/530231  
JC06 Rec'd PTO 04 APR 2005

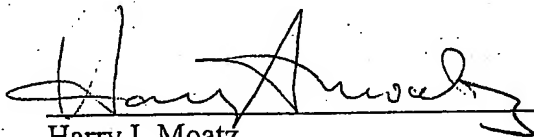
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

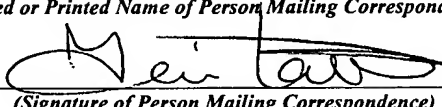
**LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)**

Mr. Jae Young Park is hereby given limited recognition under 37 CFR §11.9(b) as an employee of Cantor Colburn LLP to prepare and prosecute patent applications wherein the patent assignee of record is the client of Cantor Colburn LLP, and there is an attorney or agent of record in the applications who is a registered practitioner and a member of Cantor Colburn LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Mr. Jae Young Park ceases to lawfully reside in the United States, (ii) Mr. Jae Young Park's employment with Cantor Colburn LLP ceases or is terminated, or (iii) Mr. Jae Young Park's Employment Authorization ceases or expires.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: September 21, 2005**

  
\_\_\_\_\_  
Harry I. Moatz  
Director of Enrollment and Discipline

|  |                         |                 |                            |                       |
|--|-------------------------|-----------------|----------------------------|-----------------------|
| <b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>  |                         |                 | Docket No.<br><br>21C-0190 |                       |
| Applicant(s): Young-Nam YUN  |                         |                 |                            |                       |
| Application No.<br>NYA   | Filing Date<br>4-4-2005 | Examiner<br>NYA | Customer No.<br>23413      | Group Art Unit<br>NYA |
| Invention: <b>LIQUID CRYSTAL DISPLAY DEVICE</b>  |                         |                 |                            |                       |
| <p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">           Trans. Ltr. to the U.S. Design/Elected Office (DO/EO/US) Concerning A Sub. Under 35 U.S.C. 371; PCT Appln.; 7<br/>           shts. of drwgs.; Dec/POA, Record. Form Cover Sheet w/Assmnt., Form PCT/IB/304; Form PCT/IB/306; Form<br/>           PCT/IB/308; Claim For Priority; Limited Recog. Under 37 CFR Sec. 11.9(b); IDS; Form PTO-1449 w/5 cited refs.;<br/>           Auth. to debit and/or credit Dep. Acct. No. 06-1130 - Filing Fee- \$1000.00, Recordation Fee-\$40.00 and Post Card<br/>           (Identify type of correspondence)         </div> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37<br/>         CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;"> <u>April 4, 2005</u><br/>           (Date)         </p> </div> <div style="width: 50%;"> <p style="text-align: center;"> <u>Tammie Lanthier</u><br/>           (Typed or Printed Name of Person Mailing Correspondence)         </p> <div style="text-align: center; margin-top: 10px;"> <br/>           (Signature of Person Mailing Correspondence)         </div> <p style="text-align: center; margin-top: 20px;"> <u>EV626826364US</u><br/>           ("Express Mail" Mailing Label Number)         </p> </div> </div> </div> |                         |                 |                            |                       |
| Note: Each paper must have its own certificate of mailing.   |                         |                 |                            |                       |